

XX The present invention describes a method for finding an expressed protein
XX with a peptide. The method comprises generating at least one or a pair of
XX theoretical random protein and at least one random peptide having
XX a specified N-terminal and C-terminal. The random peptide is the first
XX random. The method also comprises detection of some synthetic fusion proteins
XX in vitro and is particularly useful in the production of antibodies
XX for immunization methods. The random methods expand the ability to
XX generate random random peptide into fusion proteins sequences by
XX inserting a synthetic peptide fragment with fluorescent probes, such
XX as antibody affinity tags, radiolabels or other determinants and ligation
XX of this to an in vivo expression system as a labeled antigen method
XX for immunization.
XX The present invention represents a method used in the course of
XX the invention.

XX Query Match 42.1% Score 42.2% ID 21 Length 6003
XX Best Local Similarity 42.0% Prod. No. 4.20 e-03
XX Methods 187 Conserved 187 Mismatches 187 Indels 0 Gaps 0

XX 22 JAN 1997 9608-0741499
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XX sequence at least 99.9% identical to the (b) search means for comparing a
XX random sequence to the identified sequence of the data storage means to
XX identify a homologous sequence, and (c) relevant means for identifying
XX the homologous sequence. The method, which is based on whole genome
XX random sequencing of an autochthonous M. janischii, the genome
XX of which consists of a statistically distinct elements, a large circular
XX chromosome (the 166476 bp sequence given in AAV21209), a large circular
XX extra-chromosomal element (the 59407 bp sequence given in AAV21210), and
XX a small circular extra-chromosomal element (the 16530 bp sequence given
XX in AAV21211), can be used in the identification of M. janischii genome
XX fragment.

XX Sequence 1664976 BP. Prod. No. 4.20 e-03
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156	3.7	111	1.9979	9.9975	0.145914
157	3.8	112	1.9977	9.9973	0.145914
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159	4.0	114	1.9973	9.9969	0.145914
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198	7.9	153	1.9895	9.9891	0.145914
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201	8.2	156	1.9889	9.9885	0.145914
202	8.3	157	1.9887	9.9883	0.145914
203	8.4	158	1.9885	9.9881	0.145914
204	8.5	159	1.9883	9.9879	0.145914
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